

ABSTRACT

A composite textile fabric for rapidly moving moisture away from the skin is provided. The composite fabric includes an inner fabric layer (the technical back) formed therealong with a plurality of vertical and horizontal channels and made of a yarn comprising a plurality of fibers of polyester or nylon which have been rendered hydrophilic. The fabric also includes an outer fabric layer (the technical face) made of a moisture absorbent material, a yarn comprising a plurality of fibers primarily of polyester of other man-made yarn which has also been rendered hydrophilic, or a combination thereof.

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10 The inner fabric layer and the outer fabric layer are formed concurrently by knitting a plaited construction so that the layers are distinct and separate, yet integrated one with the other.